ABSTRACT

A wireless communication apparatus has a current system and a standby system independent of each other. An interface circuit 1a of a radio 10a outputs two signals input from an MUX device 101 as a signal of a current system and a signal of a standby system to a V polarization transmitter/receiver 2a and an H polarization transmitter/receiver 3a. Signals transmitted from the V polarization transmitter/receiver 2a and the H polarization transmitter/receiver 3a are received by a V polarization transmitter/receiver 2b and a H polarization transmitter/receiver 3b of a radio 10b, and output to the interface circuit 1b. Then the interface circuit 1b transmits a signal of the current system and a signal of the standby system from the V polarization transmitter/receiver 2b and the H polarization transmitter/receiver 3b to the MUX device 102.